

2019-21 CORE SKILL REQUIREMENTS
Undersea Warfare
6301
Curriculum 525

Billet subspecialty coding is to be based on the minimum education/training/experience level required for optimum performance. The Undersea Warfare (USW) (6301) subspecialty coding is justified when, in addition to the general criteria stated in NAVPERS 15839 series (Manual of Navy Officer Manpower and Personnel Classification) Part B, the following specific criteria are satisfied:

1. Description of CSR Competencies. The listed CSRs are a set of quantifiable skills, traits and experiences that a subspecialist must possess to perform acceptably in a coded billet for the USW (6301) subspecialty:

a. CSR-1: Apply, instruct, manage programs for, or perform studies/evaluations involving USW programs and topics.

b. CSR-2: Formulate operational requirements, plans, policies, operational concepts, doctrine and tactics for the development and employment of undersea systems.

c. CSR-3: Demonstrate proficiency in the physical principles applicable to acoustic and non-acoustic USW systems, factors affecting the design, performance, and operation of USW systems, as well as the principles of signal processing as they apply to USW systems.

d. CSR-4: Understand the principles of USW search, detection, and localization; as well as principles of tactical decision aids and data analysis in the evaluation of USW systems.

e. CSR-5: Perform liaison with other services, agencies, and/or industry concerning policy and procedures for operational employment of undersea systems and their information products.

f. CSR-6: Perform technical evaluations of undersea systems performance.

g. CSR-7: Provide recommendations to senior decision-makers regarding systems related to USW operations.

h. CSR-8: Interface with the scientific and/or research and development communities to provide inputs to research, development, test and evaluation offices on the design, development, and test and evaluation of platforms, sensors, and/or weapon systems and have the ability to communicate with research scientists on an advanced level.

2. Applicable Officer Designator(s)

a. 1000-1399

b. 1830

Enclosure (3)

3. Applicable Billet Designator

a. 1000-1399

b. 1830

4. Educational and Significant Experience Criteria. Coded billets are authorized when the functions of the billet include the CSR competencies listed above (in paragraph 1). For additional clarification regarding definition of suffixes, refer to the NAVPERS 15839I, Vol 1.

Note: 'Proven' requires at least 18-month experience tour in subspecialty coded billet or billet using the CSR of a related subspecialty.

a. Subspecialty Code Suffixes Authorized. Authorized suffixes are annotated "X" for yes; unauthorized suffixes are left blank.

Subspecialty Code Suffixes Authorized				
Billet	Officer	Suffix	Definition	Notes
		C	Proven Doctor of Philosophy	
		D	Doctor of Philosophy	
		F	Proven Master's Degree that does not meet all ESRs	
	X	G	Master's Degree that does not meet all ESRs	1
X		H	Master's Degree desired, not required	2
	X	I	Graduates of the Bowman Scholar Program	3
	X	L	Certificate degree at the Master's level	4
		M	Proven Post Master's Degree graduate education	
		N	Post Master's Degree graduate education	
X	X	P	Master's Degree in approved Navy subspecialty	5
X	X	Q	Proven Master's Degree	6
		R	Proven Significant Experience	
	X	S	Significant Experience obtained through OJT	7

Note 1: G coded officers justified when 1) an officer has not completed all required ESRs while in residence at NAVPGSCOL or 2) an officer attends an accredited civilian institution and resulting degree does not meet all required ESRs.

Note 2: H coded billets are authorized/justified for billets requiring expertise in USW where a master's level of knowledge is desirable but not essential for optimum performance.

Note 3: I coded officers are authorized for 1120/1170-designated officers completing graduate education in the USW (525/6301) program via the Bowman Scholar Program.

Note 4: L coded officers are authorized when the officer completes the Anti-Submarine Warfare Certificate (274 curriculum). This certificate provides a science and engineering foundation which covers fundamental concepts in four areas: Physical Oceanography, Signal Processing,

Operations Research, and Engineering Acoustics. This certificate does NOT provide extensive knowledge required to earn a P or F code.

Note 5: P coded billets are authorized when the functions of the billet require the competencies listed in the preamble of this document. P coded officers are justified when the officer completes USW (525) ESRs.

Note 6: Q coded billets are justified when the mission requires experience gained through successful completion of at least one previous tour in a 6301 P-coded billet demonstrating experience in USW. Q coded officers are justified when the officer has completed the USW (525) ESRs and served at least 18 consecutive months in a master's degree coded billet. Incumbent must have a P code prior to a Q coded tour. S-, G- and F-coded officers cannot obtain Q-codes.

Note 7: S coded officers are justified when: 1) the officer has filled a P- or Q-coded billet for more than 18 months and has no Subspecialty Code in this field, and 2) FITREP which justifies the officer has accomplished the task(s) indicated for more than 18 months and 3) Commanding Officer recommendation is received based on significant experience in USW gained in a non-6301 billet.

5. Major Area Sponsor and Subject Matter Experts

a. Major Area Sponsor: VADM William R. Merz, Deputy Chief of Naval Operations for Warfare Systems (OPNAV N9)

b. Subject Matter Expert: RADM John W. Tammen, Director, Undersea Warfare Division (OPNAV N97)

c. Action Officer SME: Mr. Edward Johnson, Head Manpower & Training (OPNAV N973B), edward.a.johnson1@navy.mil

APPROVED: 
Director, OPNAV N9

6-11-19
[DATE]

APPROVED: 
Director, OPNAV N97

16 July 2019
[DATE]